

Res. Asst. PINAR DEĞİRMENCİOĞLU

Personal Information

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Education Information

Doctorate, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2018 - Continues

Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Chemical Engineering, Turkey 2015 - 2018

Foreign Languages

German, B1 Intermediate

Italian, A2 Elementary

Dissertations

Postgraduate, Methanol steam reforming over silica aerogel supported catalyst for hydrogen production, Middle East Technical University, Türk Halk Bilimi, Fransızca Mütercim-Tercümanlık, 2018

Research Areas

Chemical Engineering and Technology, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Acid Treatment to Improve Total Light Olefins Selectivity of HZSM-5 Catalyst in Methanol to Olefins (MTO) Reaction**
DEĞİRMENCİOĞLU P., ARBAĞ H.
Arabian Journal for Science and Engineering, vol.48, no.12, pp.16123-16136, 2023 (SCI-Expanded)
- II. **Catalytic upgrading of bio-oil model mixtures in the presence of microporous HZSM-5 and γ -Al₂O₃ based Ni, Ta and Zr catalysts**
Guvenc C., Alan E., DEĞİRMENCİOĞLU P., ÇELİK ÖZCAN M., PEKMEZCİ KARAMAN B., OKTAR N.
Fuel, vol.350, 2023 (SCI-Expanded)
- III. **Catalytic upgrading of bio-oil model mixtures in the presence of microporous HZSM-5 and γ -Al₂O₃**

based Ni, Ta and Zr catalysts

Güvenç C., Alan E., Değirmencioğlu P., Çelik Özcan M., Pekmezci Karaman B., Oktar N.
FUEL, vol.350, pp.128870-128875, 2023 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Ce and Ca Metals on Light Olefins Production in Methanol to Olefins Reaction**
Değirmencioğlu P., Arpacı E. Ç., Oktar N.
7th International Hydrogen Technologies Congress, Elazığ, Turkey, 10 - 12 May 2023, pp.1
- II. **Determination of Optimum Reaction Temperature for Methanol to Olefins**
Değirmencioğlu P., Arbağ H.
2nd International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 15 - 18 October 2022, pp.1-2
- III. **ALTERNATIVE SOURCE FOR OLEFIN PRODUCTION: BIO METHANOL**
Değirmencioğlu P., Arbağ H., Oktar N.
4TH BIONERGY STUDIES SYMPOSIUM, Samsun, Turkey, 26 May 2022, pp.1-3
- IV. **Metanolden Hafif Olefin Eldesinde (MTO) Kullanılacak Silika Bazlı Mikroküre Katalizörlerin Geliştirilmesi**
Değirmencioğlu P., Arbağ H., Oktar N.
14. Ulusal Kimya Mühendisliği Kongresi, Konya, Turkey, 10 - 12 June 2021, pp.1-3
- V. **A Comparision Of Light Olefin Production From Syngas, DME and Methanol**
DEĞİRMENCİOĞLU P., ARBAĞ H., OKTAR N., DOĞU G., DOĞU T.
5th Anatolian School of Catalysis (ASC-5), 8 - 11 September 2019
- VI. **Buharlı methanol reformlama Reaksiyoundan Silika Aerojel Destekli Katalizör ile hidrojen Üretimi**
DEĞİRMENCİOĞLU P., SEZGİ N. A., Doğu T.
UKMK 13, Turkey, 3 - 06 September 2018
- VII. **Hydrogen Production from the Steam Reforming of Methanol over Silica AerogelSupported Catalysts**
DEĞİRMENCİOĞLU P., SEZGİ N. A., Doğu T.
EMCC9, 31 August - 02 September 2018
- VIII. **Methanol Steam Reforming over Silica Aerogel Catalyst for Hydrogen Production**
DEĞİRMENCİOĞLU P., SEZGİ N. A., Doğu T.
3rd International Porous Powder Materials Symposium and Exhibition (PPM 2017), 12 - 15 September 2017

Metrics

Publication: 11

Citation (Scopus): 1

H-Index (Scopus): 1

Congress and Symposium Activities

4TH BIOENERGY STUDIES SYMPOSIUM, Attendee, Samsun, Turkey, 2022

14. ULUSAL KİMYA MÜHENDİSLİĞİ KONGRESİ, Attendee, Konya, Turkey, 2021

5TH ANATOLIAN SCHOOL OF CATALYSIS, Attendee, İzmir, Turkey, 2019

13. ULUSAL KİMYA MÜHENDİSLİĞİ KONGRESİ, Attendee, Van, Turkey, 2018

EMCC9, Attendee, Ankara, Turkey, 2018

3RD INTERNATIONAL POROUS POWDER MATERIALS SYMPOSIUM AND EXHIBITION, Attendee, İzmir, Turkey, 2017

Scholarships

TÜBİTAK 1001 BURSİYERİ, TUBİTAK, 2015 - 2017